BRUHAT BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION

Name of Work :

Package-2, includes 3 works of Rs 228.00 Lks. 1) Desilting and Repairto side Walls of Storm Water Drain from Byatarayanapura Iyyappa Temple road to Bata Showroom near (NH-7 Bellary road) from L & T Compound to Venkatesh Reddy House at Byatarayanpura (from Kriyanna House to Mandi Appaiah farm House and from Gullappa Nursery (NH-7) to Amruthahali Lake in Ward No. 07, Byatarayanapura. 2) Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, 3) Improvements to Burial Grounds and Crematorium in Ward No. 07, Byatarayanapura.Byatarayanapura.

TOTAL ABSTRACT

2nd & PART BILL

BRUHAT BANGALORE MAHANAGARA PALIKE
BYATARAYANAPURA DIVISION: KODIGEHALLI SUB DIVISION;
ABSTRACT

Job codes : 007-18-000012 and 007-18-000016 and 007-18-000019
P Code: 3297 and 3294 and 3291
Agency: M/S Nischal Constructions
Second and Part Bill

Sl No	Description	Unit	Qty	Rate	Amount	Remarks
1	**KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR**	cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07,		44.33			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		0.00			
	Present Qty		**44.33**			
	Previous Qty		0.00			
	Total		44.33			
	BOQ Qty		146.77			
	Qty for payment		**44.33**	**228.00**	**10108.00**	
2	**KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17**	cum				
	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07		**13.83**			
	Desilt and Repair of SWD Drain		**0.00**			
	Burial Ground		**0.00**			
	Present Qty		**13.83**			
	Previous Qty		0.00			
	Total		13.83			
	BOQ Qty		40.96			
	Qty for payment		**13.83**	**5887.00**	**81406.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

3	**KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17**	cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**7.51**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**7.51**			
	Previous Qty		0.00			
	Total		7.51			
	BOQ Qty		26.89			
	Qty for payment		**7.51**	**5064.00**	**38051.00**	
4	**KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17**	cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**5.67**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**5.67**			
	Previous Qty		0.00			
	Total		5.67			
	BOQ Qty		20.17			
	Qty for payment		**5.67**	**6050.00**	**34279.00**	
6	**KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, Page No. 6 / Item No. 2.10 / PWD SR 2016-17**	cum				

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Yelahanka Zone, B.B.M.P.,
Bangalore.

a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**44.33**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**44.33**			
	Previous Qty		0.00			
	Total		44.33			
	BOQ Qty		146.77			
	Qty for payment		**44.33**	**150.00**	**6650.00**	
7	**KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.2, PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**15.83**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**15.83**			
	Previous Qty		0.00			
	Total		15.83		1727.00	
	BOQ Qty 109.08		~~114.00~~	109.08		
	Qty for payment		**15.83**	**114.00**	**1805.00**	
8	**KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25 / Item No. 5.26.2, PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**144.64**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**144.64**			
	Previous Qty		0.00			
	Total		144.64			
	BOQ Qty		236.28			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

	Qty for payment		**144.64**	**1100.00**	**159100.00**	
9	**Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 18, Item No. 4.48, PWD SR 2016-17**	cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**22.52**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**22.52**			
	Previous Qty		0.00			
	Total		22.52			
	BOQ Qty		39.63			
	Qty for payment		**22.52**	**7111.00**	**160104.00**	
10	**KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17 (with 6 % Area Weightage)**	tonne				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		**7.85**			
c	Burial Ground		**0.00**			
	Present Qty		**7.85**			
	Previous Qty		0.00			
	Total		7.85			
	BOQ Qty		35.63			
	Qty for payment		**7.85**	**72000.00**	**564841.00**	

nsultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

11	**KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2 PWD SR 2016-17**	tonne				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**2.25**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**2.25**			
	Previous Qty		0.00			
	Total		2.25			
	BOQ Qty		3.96			
	Qty for payment		**2.25**	**73300.00**	**165030.00**	
12	**KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17 (with 6% Area Weightage)**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		**38.62**			
c	Burial Ground		**0.00**			
	Present Qty		**38.62**			
	Previous Qty		0.00			
	Total		38.62			
	BOQ Qty		1101.34			
	Qty for payment		**38.62**	**347.00**	**13401.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Yelahanka Zone, B.B.M.P.,
Bangalore

13	**KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**182.34**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**182.34**			
	Previous Qty		0.00			
	Total		182.34			
	BOQ Qty		331.43			
	Qty for payment		**182.34**	**354.00**	**64547.00**	
14	**KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114, Item No. 15.21 of PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**47.43**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**47.43**			
	Previous Qty		0.00			
	Total		47.43			
	BOQ Qty		58.86			
	Qty for payment		**47.43**	**233.00**	**11051.00**	
16	**KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114, Item No. 15.21 of PWD SR 2016-17 (Inside Plastering)**	Sqm				

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,

a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		78.89			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		0.00			
	Present Qty		78.89			
	Previous Qty		0.00			
	Total		78.89			
	BOQ Qty		78.89			
	Qty for payment		78.89	251.00	19801.00	
17	**KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 115, Item No. 15.33, PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		137.75			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		0.00			
	Present Qty		137.75			
	Previous Qty		0.00			
	Total		137.75			
	BOQ Qty		137.75			
	Qty for payment		137.75	31.00	4270.00	
18	**KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		127.75			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		0.00			
	Present Qty		127.75			
	Previous Qty		0.00			
	Total		127.75			
	BOQ Qty		199.04			
	Qty for payment		127.75	240.00	30660.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

19	**KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 117 / Item No. 15.49.1, PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**216.65**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**216.65**			
	Previous Qty		0.00			
	Total		216.65			
	BOQ Qty		216.65			
	Qty for payment		**216.65**	**80.00**	**17332.00**	
20	**KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17.**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**127.75**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**127.75**			
	Previous Qty		0.00			
	Total		127.75			
	BOQ Qty		199.04			
	Qty for payment		**127.75**	**101.00**	**12903.00**	
22	**KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. Page No.106, Item No. 14.36.2, PWD SR 2016-17**	Sqm				

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Bangalore
Nagarabhavi Sub Division.

a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**49.43**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**49.43**			
	Previous Qty		0.00			
	Total		49.43			
	BOQ Qty		58.86			
	Qty for payment		**49.43**	**1400.00**	**69202.00**	
23	**KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**4.32**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**4.32**			
	Previous Qty		0.00			
	Total		4.32			
	BOQ Qty		12.96			
	Qty for payment		**4.32**	**4878.00**	**21073.00**	
24	**KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**114.89**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**114.89**			
	Previous Qty		0.00			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Yodigehalli SUB Division,
Zone, B.B.M.P.

	Total		114.89			
	BOQ Qty		301.05			
	Qty for payment		**114.89**	**1290.00**	**148208.00**	
25	**SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size Page No. 56, Item No. 9.84, PWD SR 2016-17**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**9.45**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**9.45**			
	Previous Qty		0.00			
	Total		9.45			
	BOQ Qty		37.80			
	Qty for payment		**9.45**	**630.00**	**5954.00**	
26	**SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07,		**9.45**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**9.45**			
	Previous Qty		0.00			
	Total		9.45			
	BOQ Qty		37.80			
	Qty for payment		**9.45**	**3860.00**	**36477.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.

Assistant Executive Engineer

27	**KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick**	Sqm				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**2.16**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**2.16**			
	Previous Qty		0.00			
	Total		2.16			
	BOQ Qty		6.48			
	Qty for payment		**2.16**	**4270.00**	**9223.00**	
28	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2016-17)**	m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**100.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**100.00**			
	Previous Qty		0.00			
	Total		100.00			
	BOQ Qty		150.00			
	Qty for payment		**100.00**	**255.00**	**25500.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

29	**Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.96, I.No. 13.86.3 of PWD SR 2016-17)**	m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**100.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**100.00**			
	Previous Qty		0.00			
	Total		100.00			
	BOQ Qty		150.00			
	Qty for payment		**100.00**	**300.00**	**30000.00**	
30	**Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms Page No. 88, Item No. 12.113.2, PWD SR 2016-17**	Each				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**10.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**10.00**			
	Previous Qty		0.00			
	Total		10.00			
	BOQ Qty		15.00			
	Qty for payment		**10.00**	**344.00**	**3440.00**	
31	**Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2016-17)**	Each				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**10.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**10.00**			
	Previous Qty		0.00			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,

	Total		10.00			
	BOQ Qty		15.00			
	Qty for payment		**10.00**	**190.00**	**1900.00**	
32	**KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of CSR 2016-17)**	Each				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**20.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**20.00**			
	Previous Qty		0.00			
	Total		20.00			
	BOQ Qty		30.00			
	Qty for payment		**20.00**	**725.00**	**14500.00**	
33	**KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 Page No. 93,Item No. 13.70.6, PWD SR 2016-17**	m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**20.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**20.00**			
	Previous Qty		0.00			
	Total		20.00			
	BOQ Qty		30.00			
	Qty for payment		**20.00**	**643.00**	**12860.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

34	**KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal.**	Nos				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**2.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**2.00**			
	Previous Qty		0.00			
	Total		2.00			
	BOQ Qty		24.00			
	Qty for payment		**2.00**	**8500.00**	**17000.00**	
35	**KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KBS 11 Page No. 81, Item No. 12.30. PWD SR 2016-17**	Unit				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**4.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**4.00**			
	Previous Qty		0.00			
	Total		4.00			
	BOQ Qty		12.00			
	Qty for payment		**4.00**	**5500.00**	**22000.00**	
36	**KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/ I.No. 13.25 of CSR 2016-17)**	Each				

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Jigalli Sub Division,

a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**12.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**12.00**			
	Previous Qty		0.00			
	Total		12.00			
	BOQ Qty		24.00			
	Qty for payment		**12.00**	**330.00**	**3960.00**	
37	**KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets.**	Pan				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**6.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**6.00**			
	Previous Qty		0.00			
	Total		6.00			
	BOQ Qty		12.00			
	Qty for payment		**6.00**	**5250.00**	**31500.00**	
38	**KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 Page No. 94, Item No. 13.78, PWD SR 2016-17**	Nos				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**2.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**2.00**			
	Previous Qty		0.00			
	Total		2.00			
	BOQ Qty		6.00			

Consultant

Assistant Engineer

Assistant Executive Engineer

Kodigehalli Sub Division

	Qty for payment		**2.00**	**10250.00**	**20500.00**	
39	**KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2016-17)**	Unit				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**2.00**			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**0.00**			
	Present Qty		**2.00**			
	Previous Qty		0.00			
	Total		2.00			
	BOQ Qty		6.00			
	Qty for payment		**2.00**	**1478.00**	**2956.00**	
40	**KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		341.06			
	Present Qty		**341.06**			
	Previous Qty		520.76			
	Total		861.82			
	BOQ Qty		861.82			
	Qty for payment		**341.06**	**225.00**	**76739.00**	
41	**KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.**	Cum				

Consultant Assistant Engineer Assistant Executive Engineer

Kodigehalli Sub Division, B.B.M.P. Jalahalli Zone, B.B.M.P.

a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		62.91			
	Present Qty		**62.91**			
	Previous Qty		121.30			
	Total		184.21			
	BOQ Qty		194.84			
	Qty for payment		**62.91**	**6000.00**	**377460.00**	
42	**KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		121.52			
c	Burial Ground		0.00			
	Present Qty		**121.52**			
	Previous Qty		0.00			
	Total		121.52			
	BOQ Qty		590.82			
	Qty for payment		**121.52**	**7000.00**	**850616.00**	
43	**KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS Page No. 5 / Item No. 2.15 of PWD SR 2016-17**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		**0.00**			
c	Burial Ground		**13.83**			
	Present Qty		**13.83**			
	Previous Qty		0.00			
	Total		13.83			
	BOQ Qty		144.00			
	Qty for payment		**13.83**	**2570.00**	**35543.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

44	**KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		178.20			
	Present Qty		**178.20**			
	Previous Qty		256.01			
	Total		434.21			
	BOQ Qty		444.15			
	Qty for payment		**178.20**	**4900.00**	**873180.00**	
45	**KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		42.61			
c	Burial Ground		45.17			
	Present Qty		**87.78**			
	Previous Qty		144.49			
	Total		232.27			
	BOQ Qty		232.27			
	Qty for payment		**87.78**	**5800.00**	**509101.00**	
46	**KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		0.00			
b	Desilt and Repair of SWD Drain		99.72			
c	Burial Ground		339.30			
	Present Qty		**439.02**			
	Previous Qty		1140.18			

Consultant

Assistant Engineer

Assistant Executive Engineer

	Total		1579.20			
	BOQ Qty		1579.20			
	Qty for payment		**439.02**	**120.00**	**52682.00**	
47	**KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2**	Cum				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		18.82			
	Present Qty		**18.82**			
	Previous Qty		25.60			
	Total		44.42			
	BOQ Qty		44.42			
	Qty for payment		**18.82**	**6900.00**	**129858.00**	
49	**Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of**	Mtr				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		384.00			
	Present Qty		**384.00**			
	Previous Qty		163.20			
	Total		547.20			
	BOQ Qty		547.20			
	Qty for payment		**384.00**	**1007.00**	**386688.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer,
Rajajinagar Sub Division

50	**Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work**	Sq-m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		1233.00			
	Present Qty		**1233.00**			
	Previous Qty		405.00			
	Total		1638.00			
	BOQ Qty		1641.00			
	Qty for payment		**1233.00**	**398.00**	**490734.00**	
51	**Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including**	Sq-m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		0.00			
c	Burial Ground		669.60			
	Present Qty		**669.60**			
	Previous Qty		243.00			
	Total		912.60			
	BOQ Qty		912.60			
	Qty for payment		**669.60**	**810.00**	**542376.00**	
53	**Excavation and removal of silt or silt mixed with sand in slushy condition from canal bed including jack well disposing off the same in spoil bank or on the canal embankment in layers as directed etc., complete with initial lead upto 50 m and all lifts.MISR 2014-15 (P.76 / I. No.44)**	Cu-m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		**109.55**			
c	Burial Ground		**0.00**			

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer

	Present Qty		**109.55**			
	Previous Qty		81.90			
	Total		191.45			
	BOQ Qty		422.30			
	Qty for payment		**109.55**	**407.00**	**44586.00**	
54	**KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,**	Cu-m				
a	Construction and Improvements of Toilets in Kempapura, Yogeshnagara, Amruthahalli and Surroundings area in Ward No. 07, Byatarayanapura.		**0.00**			
b	Desilt and Repair of SWD Drain		8.36			
c	Burial Ground		0.00			
	Present Qty		**8.36**			
	Previous Qty		0.00			
	Total		8.36			
	BOQ Qty		90.26			
	Qty for payment		**8.36**	**6500.00**	**54314.00**	
		GRAND TOTAL			**6295469.00**	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer